

## Abstract of the Disclosure

A noise-free low-power consumption wide voltage range DC and AC contactor and remote telephone control system is disclosed. A movable iron core is connected to a linkage. Another end of the linkage is connected to a micro switch. A normal close contact of the micro switch is serially connected to a magnetic coil and is parallel connected to an IC circuit and a retaining coil. A lower end of the movable iron coil is in the extent of the coil so that the magnetic coil attracts the movable iron core to move downwards to conduct the contactor and meanwhile, the magnetic coil will disconnect. The retaining coil is used to replaced the magnetic coil to attract the movable iron core. Since the power consumption of the retaining coil is small and thus the contactor is noise free, lower power consumption, and wide voltage range. Three voltage stages are selectable. The connector can be used with a telephone, a telephone wire, a voice system, a keyboard and a software program so as to be formed as a remote telephone control system with a simple structure, lower cost and be a multi-functional device. Thereby, it can be used widely.

3